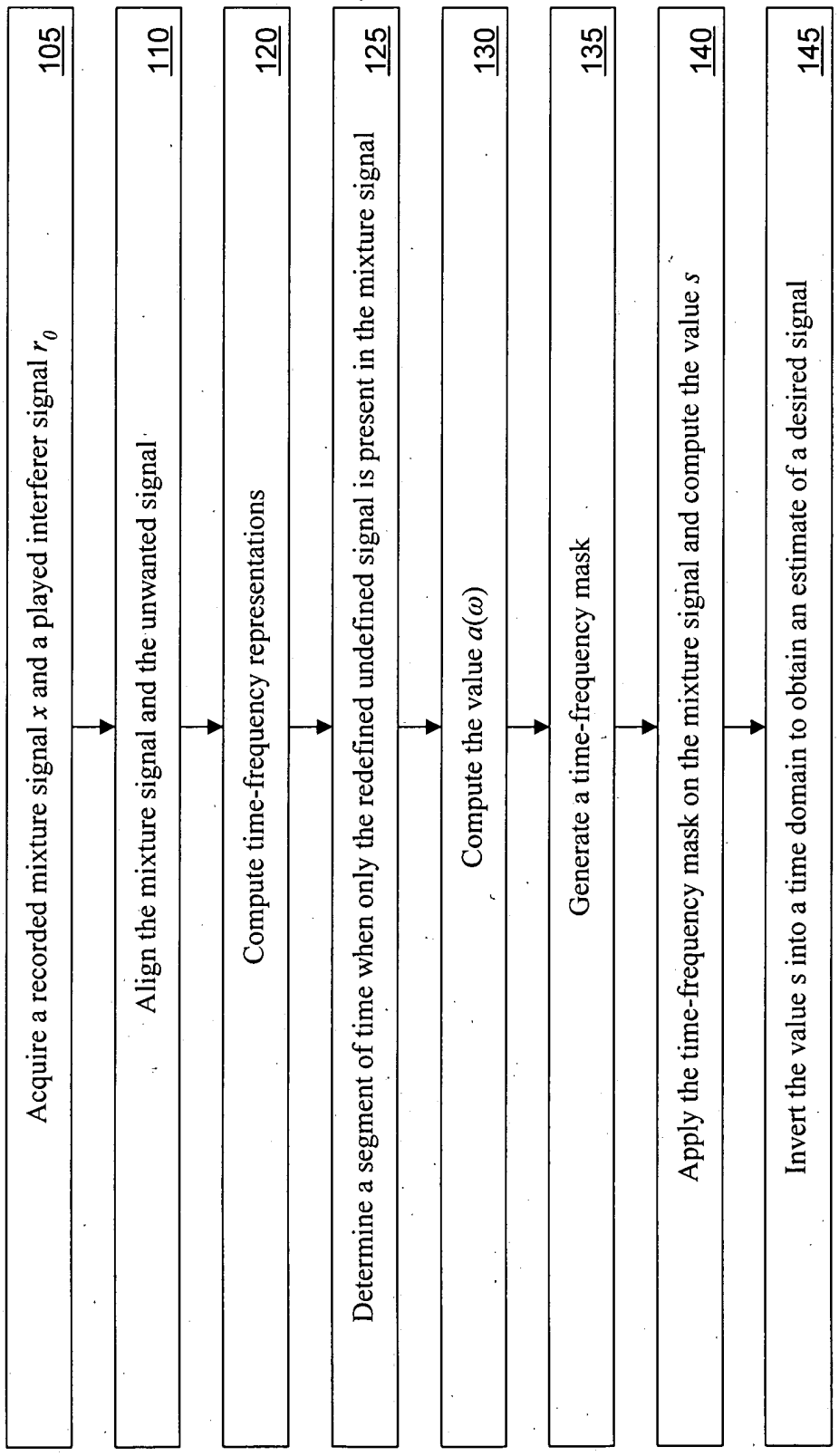

Acquire a recorded mixture signal x and a played interferer signal r_0 105
Align the mixture signal and the unwanted signal 110
Compute time-frequency representations 120
Determine a segment of time when only the redefined undefined signal is present in the mixture signal 125
Compute the value $a(\omega)$ 130
Generate a time-frequency mask 135
Apply the time-frequency mask on the mixture signal and compute the value s 140
Invert the value s into a time domain to obtain an estimate of a desired signal 145

Figure 1

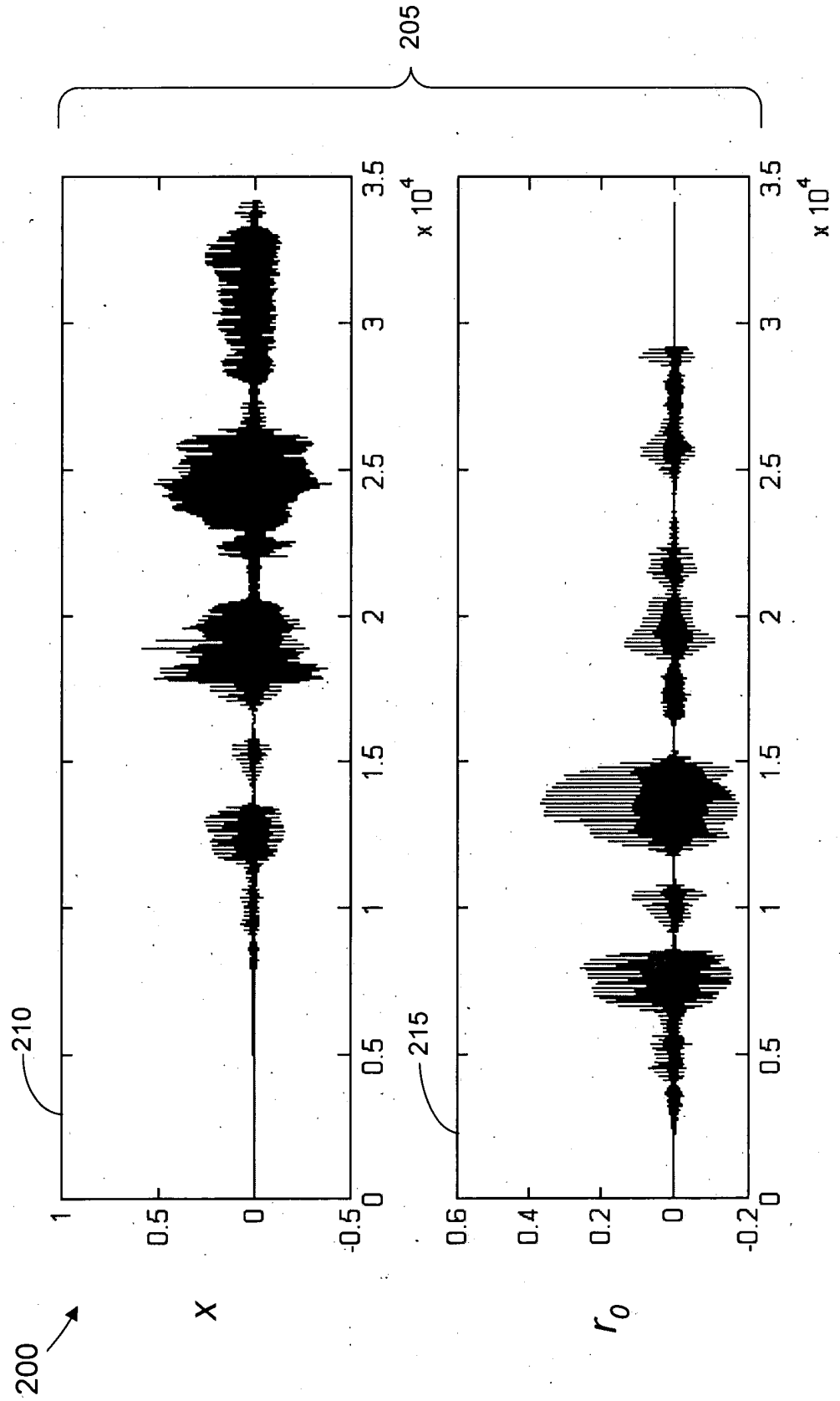


Figure 2

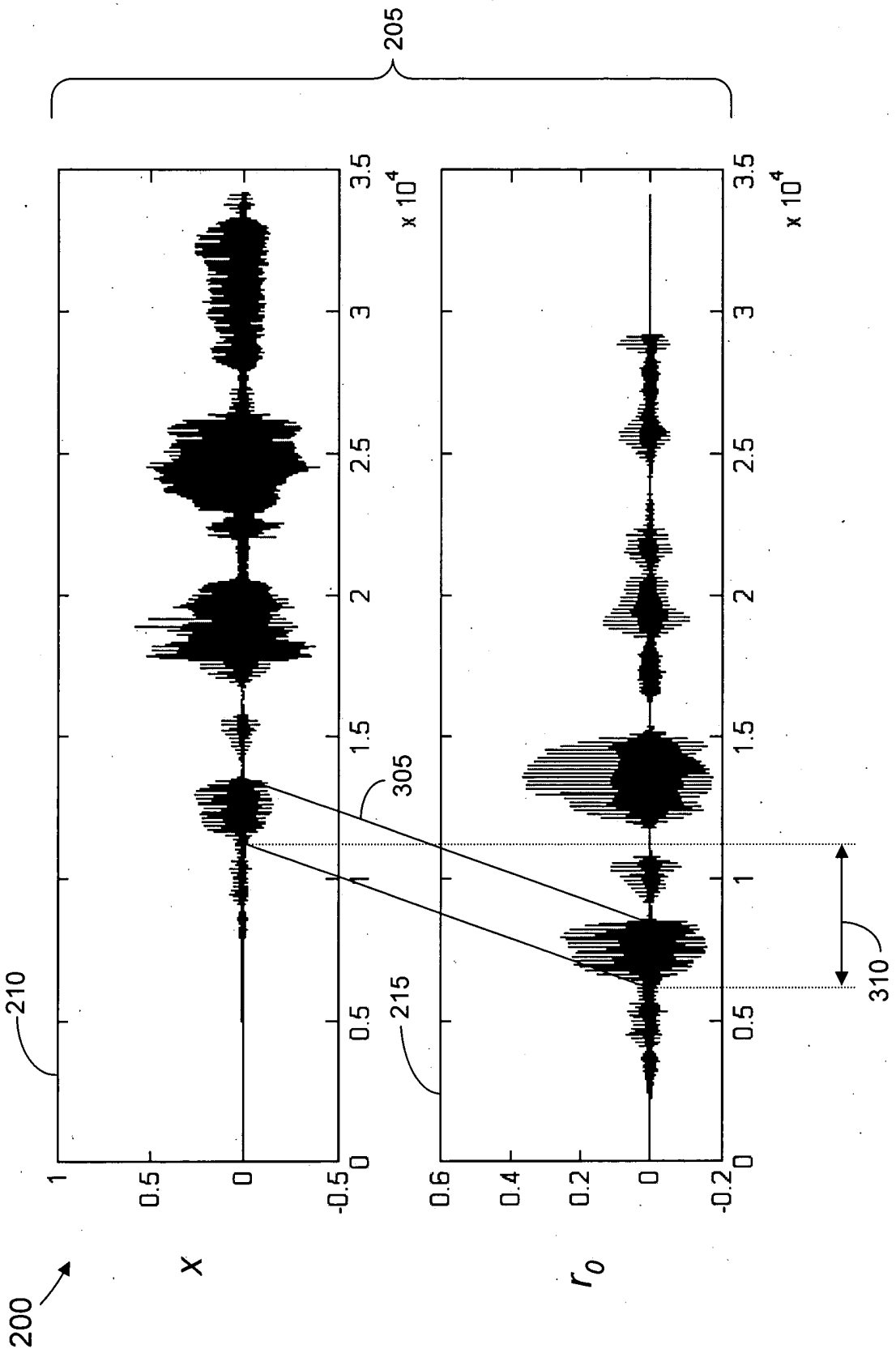


Figure 3

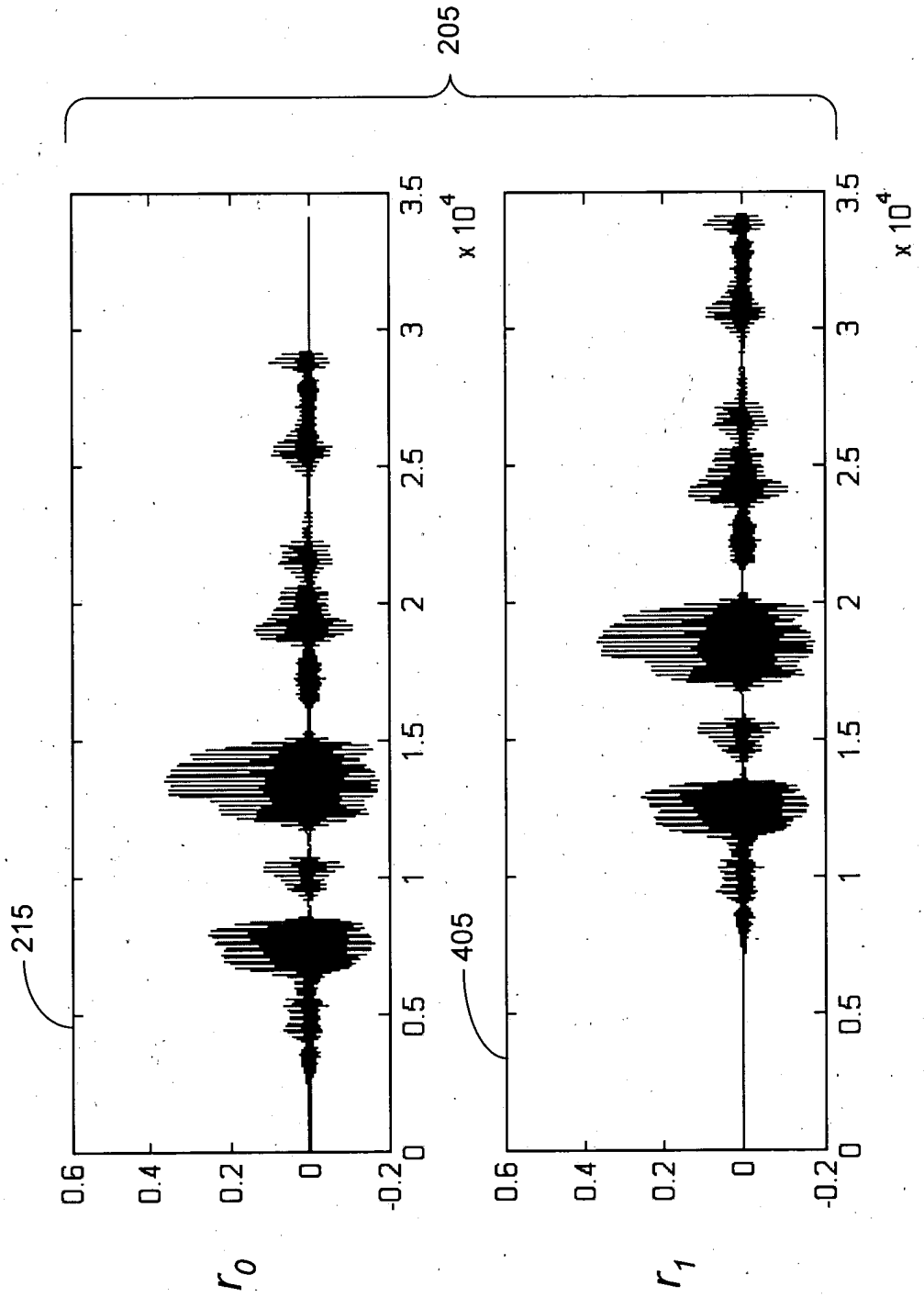


Figure 4

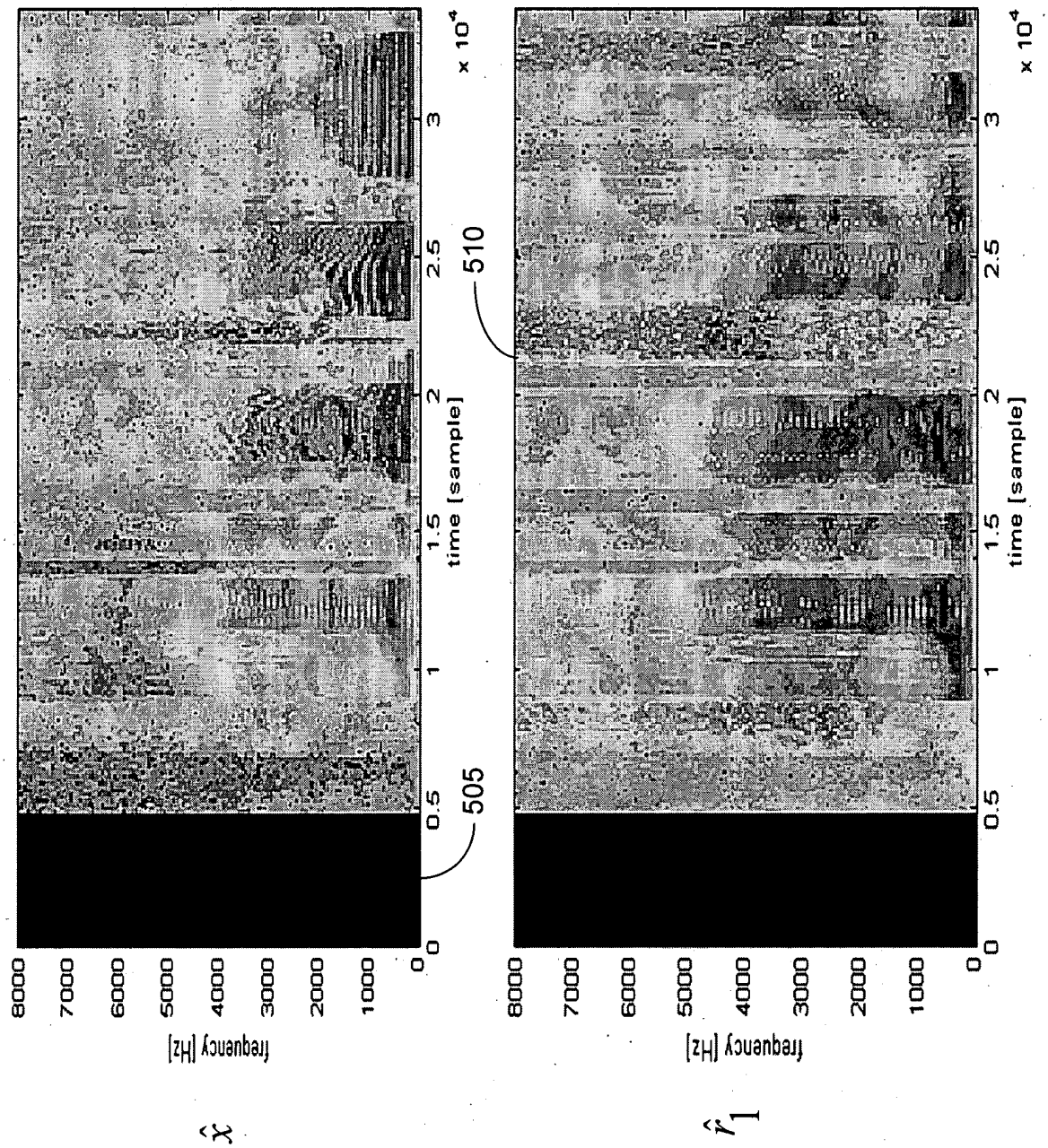


Figure 5

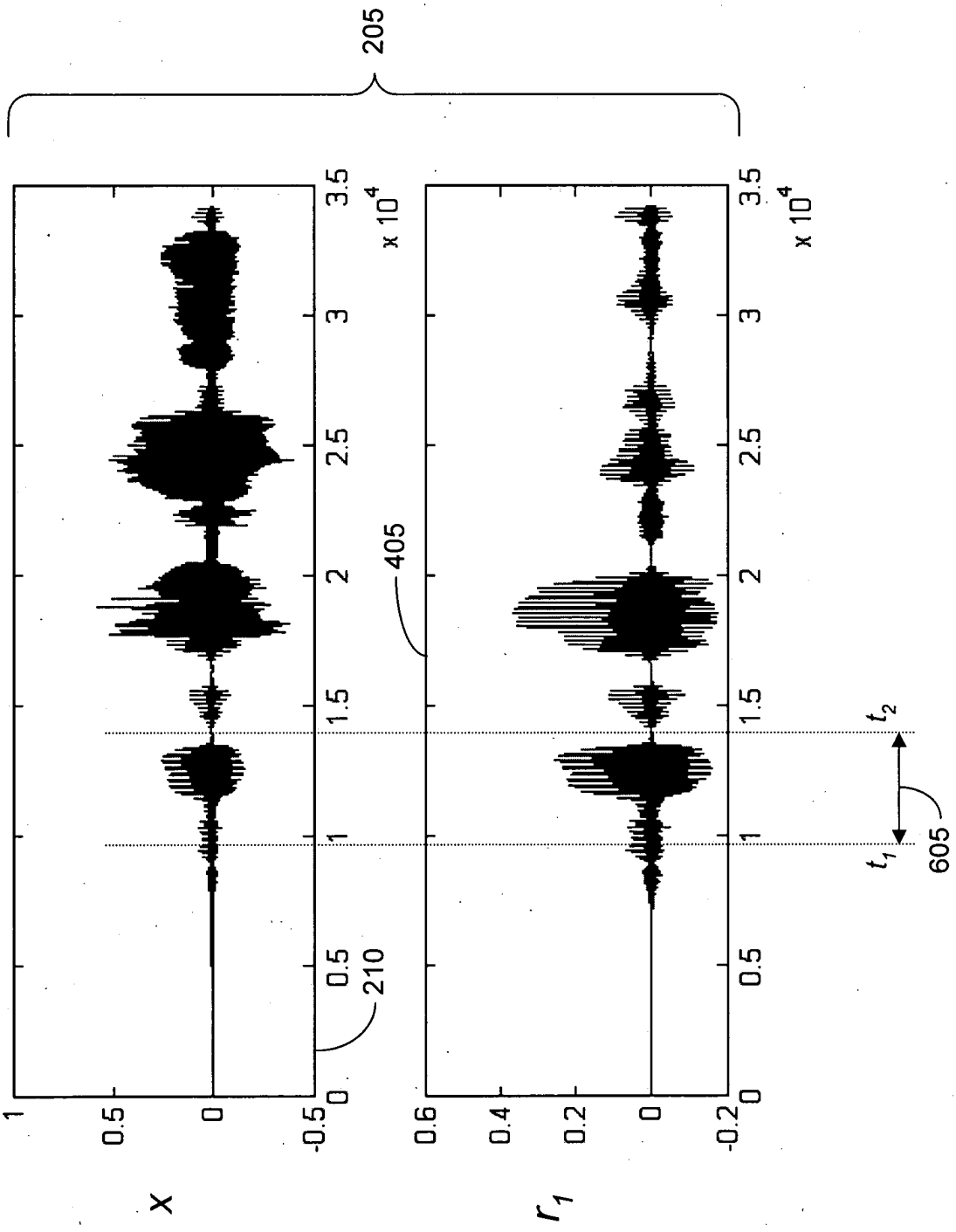


Figure 6

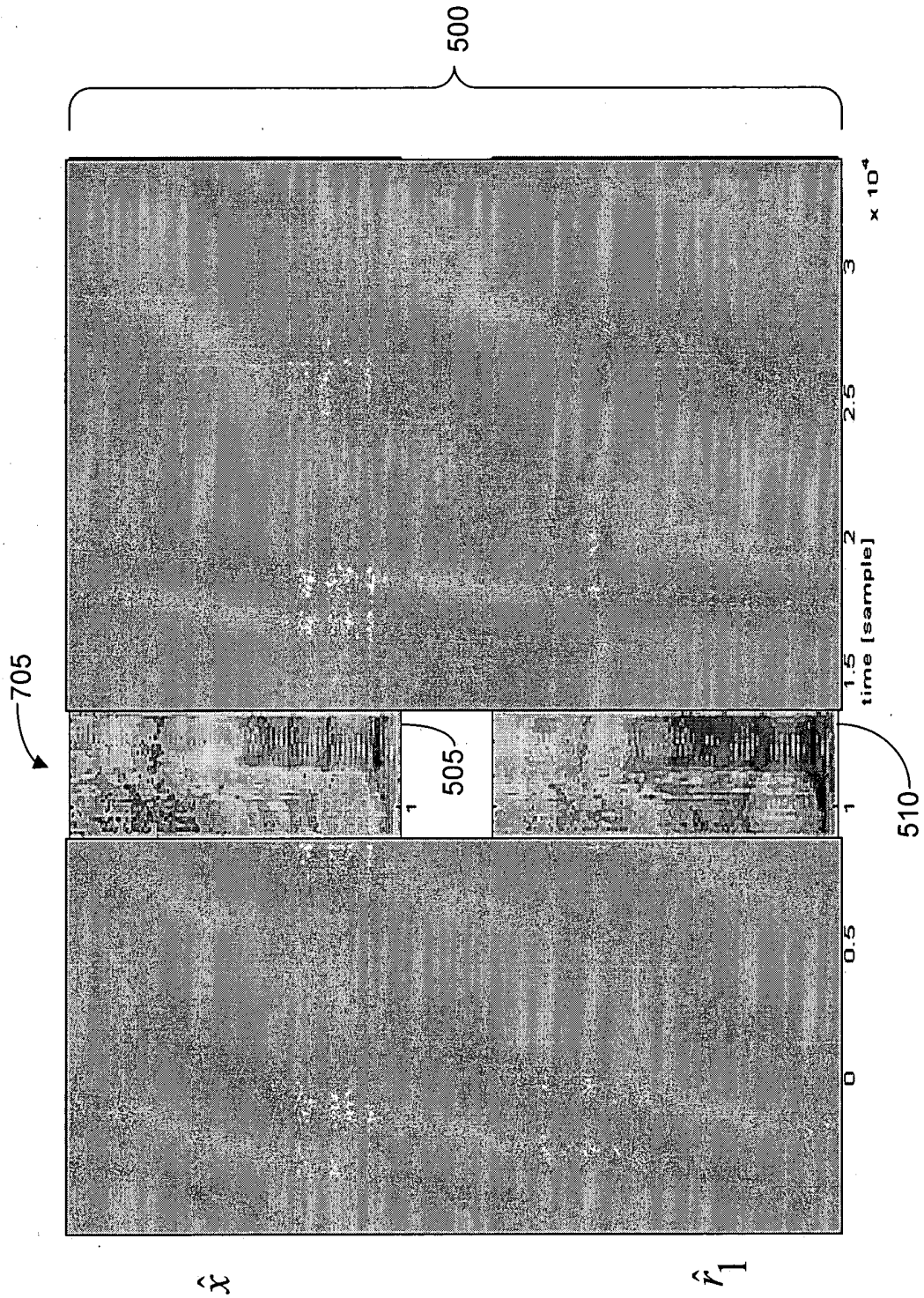
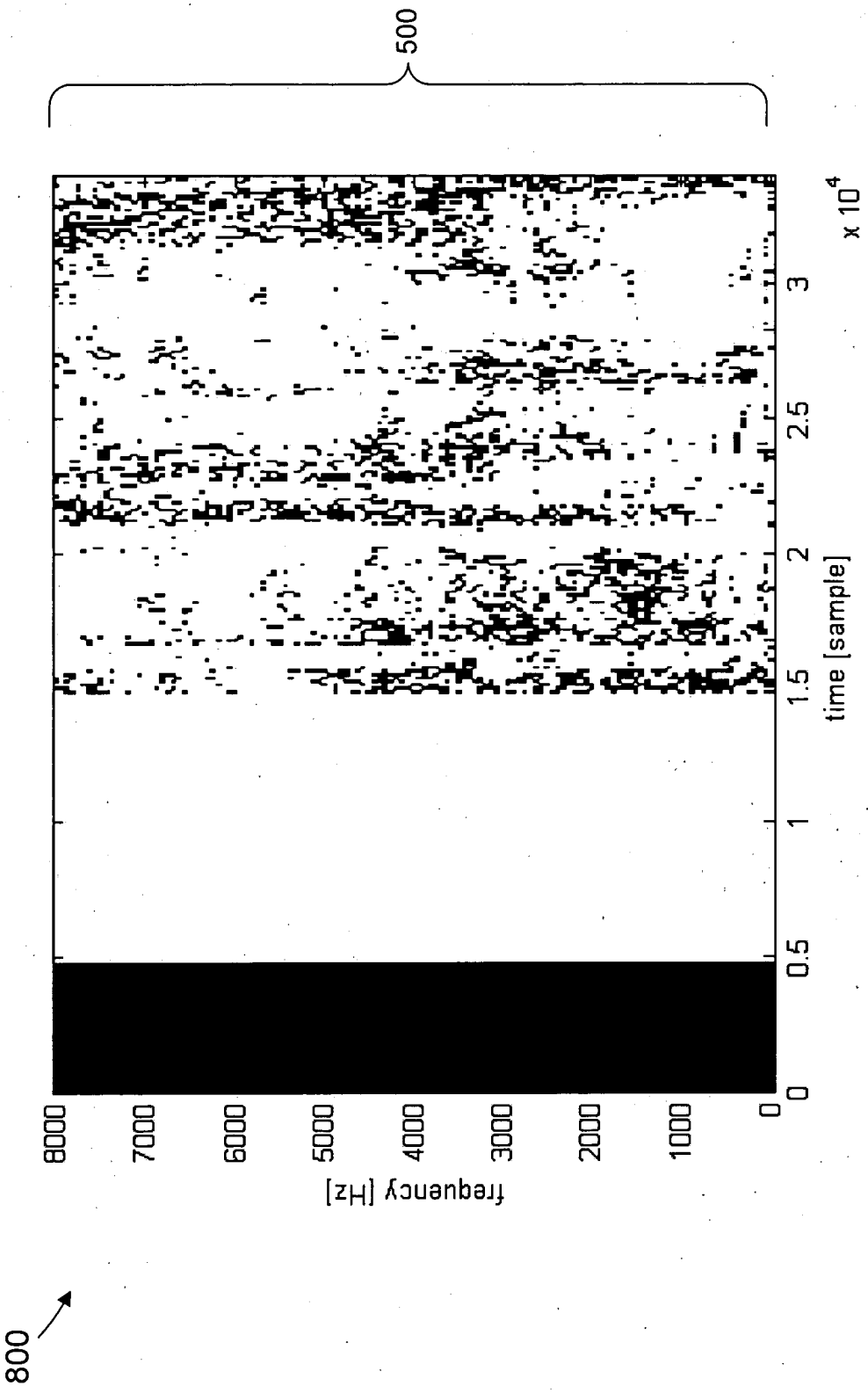


Figure 7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x 10^4
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0
0.5
1
1.5
2
2.5
3
frequency [Hz]
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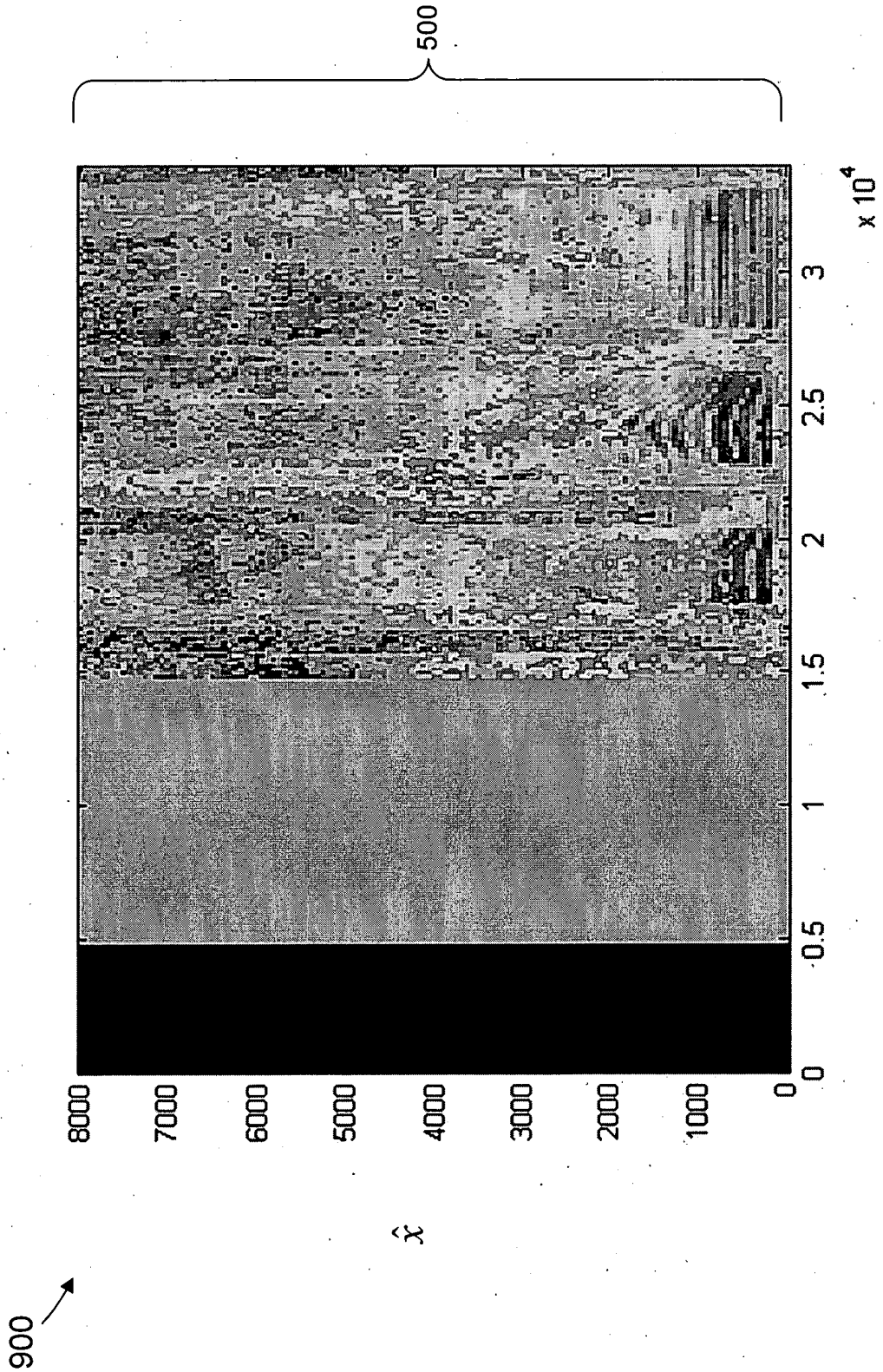
7000
6000
5000
4000
3000
2000
1000
0
800

Figure 8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1000
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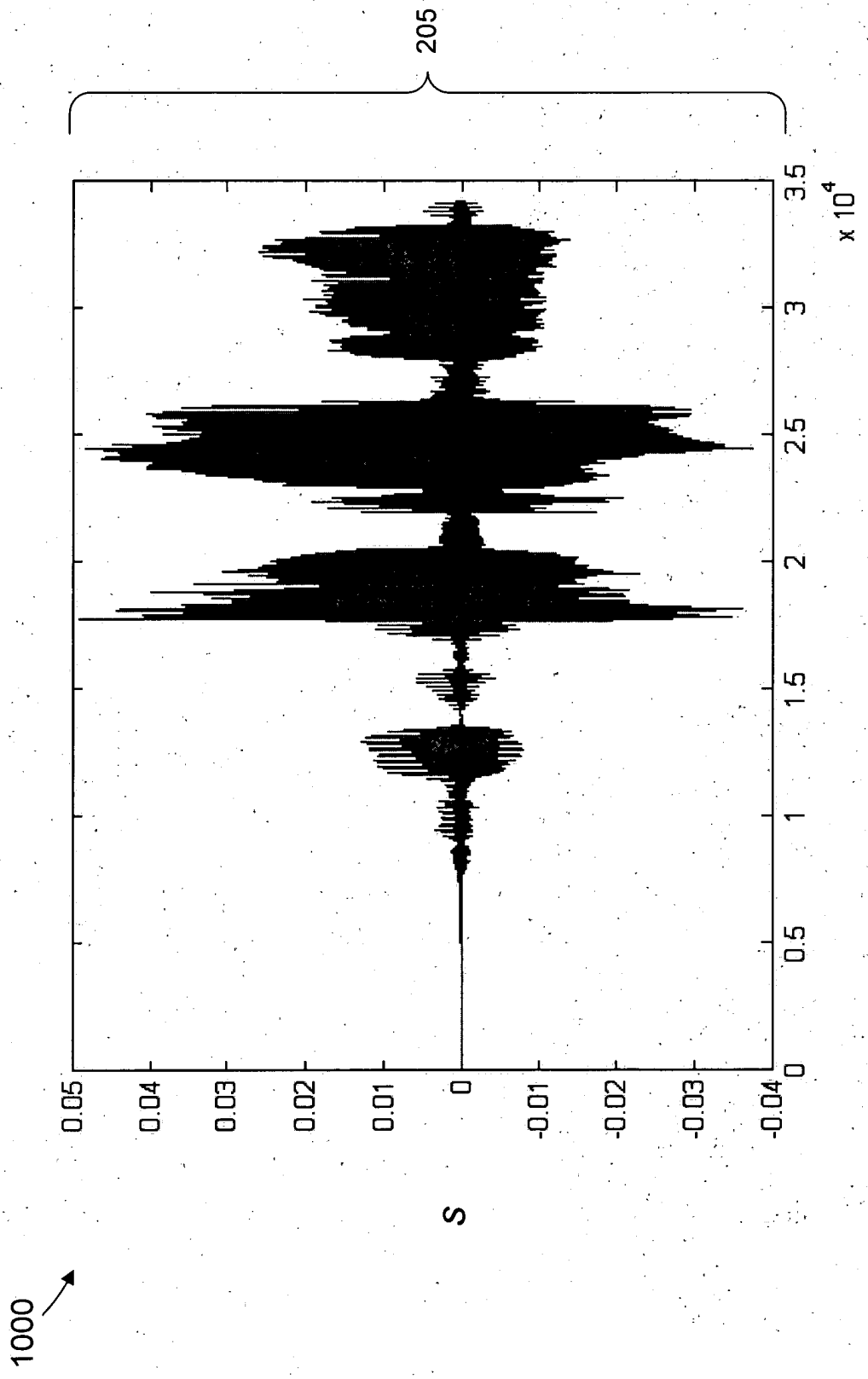
0.5
1
1.5
2
2.5
3
x 10^4

Figure 9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-0.04
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1
1.5
2
2.5
3
3.5
x 10^4
S
1000

Figure 10